**Isomers naming (Level 2) examiners tips: Read these please!**

• be specific, use the phrase carbon to carbon double bond, not just a vague reference to a double bond

#### • cis KISSING, the groups are on the SAME side of the carbon to carbon double bond

• geometric isomerism (cis - trans) there must be two different groups on the same carbon atom involved

in the double bond

• the carbon to carbon double bond fixes the position of the atoms/groups so free rotation about the carbon

to carbon double bond is not possible

**Also…”don’t be daft”**

#### rotation can definitely NOT occur around a double bond

#### you and I know what you mean by "the double bond", but unfortunately an EXAMINER DOESN'T, please always refer to the "CARBON TO CARBON double bond"

be very specific when referring to groups attached to the C to C double bond eg *hydrogen atom or methyl group etc*..

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